

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

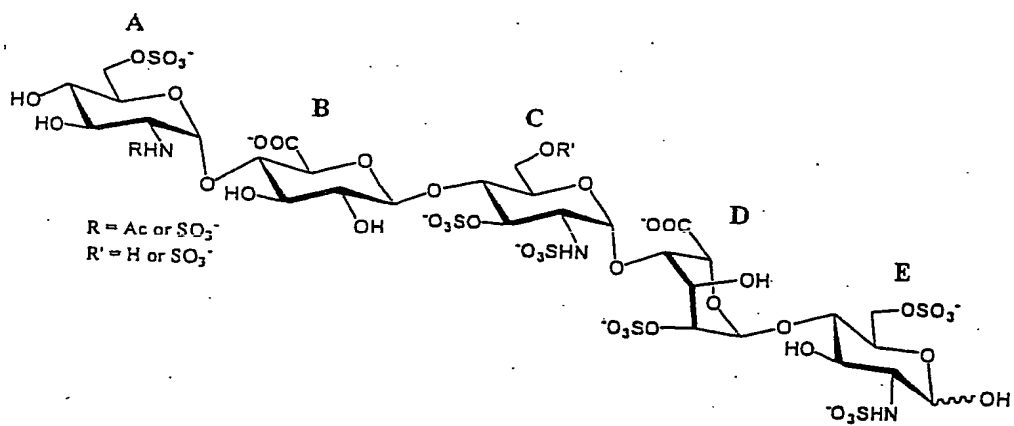


Figure 1

Putative gD binding partial Heparan Sulfate structure

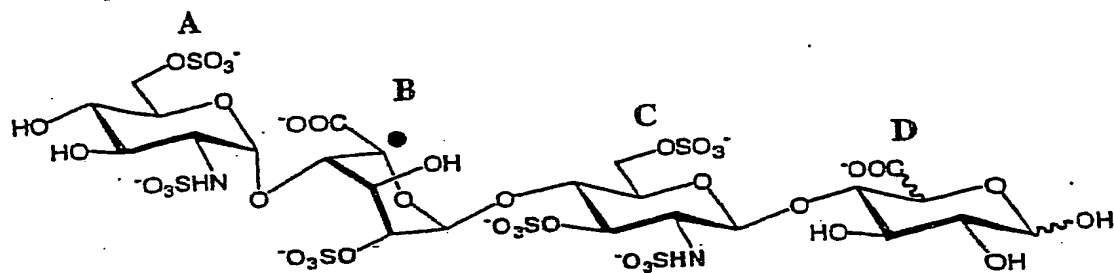


Figure 2

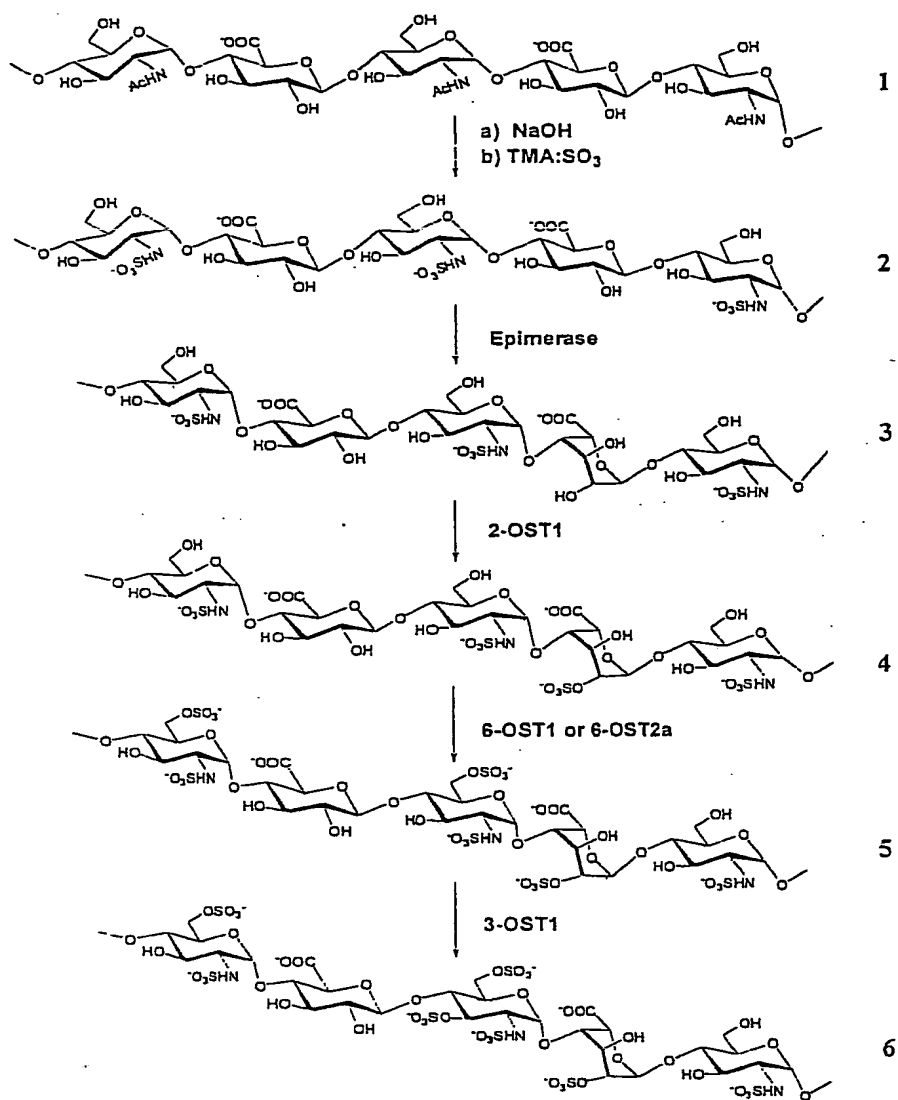


Figure 3

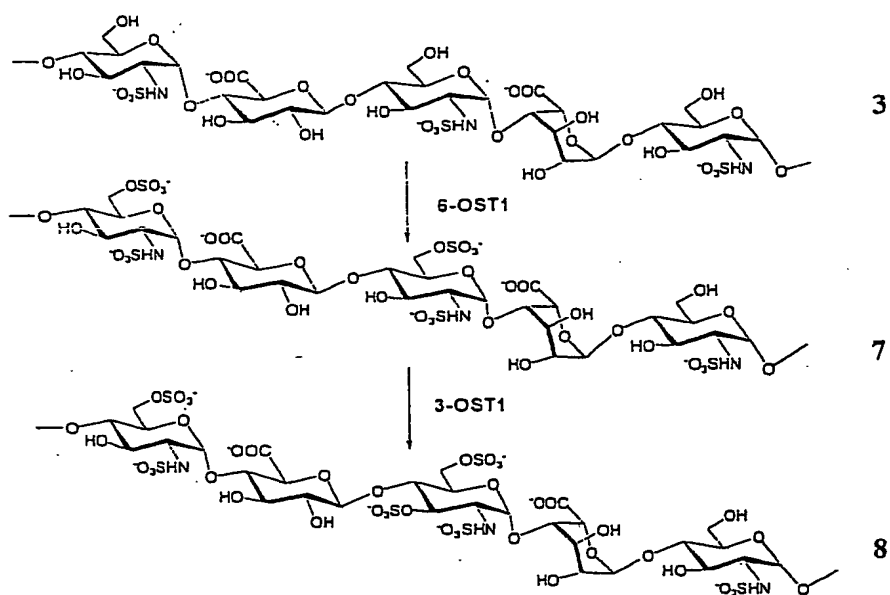


Figure 4

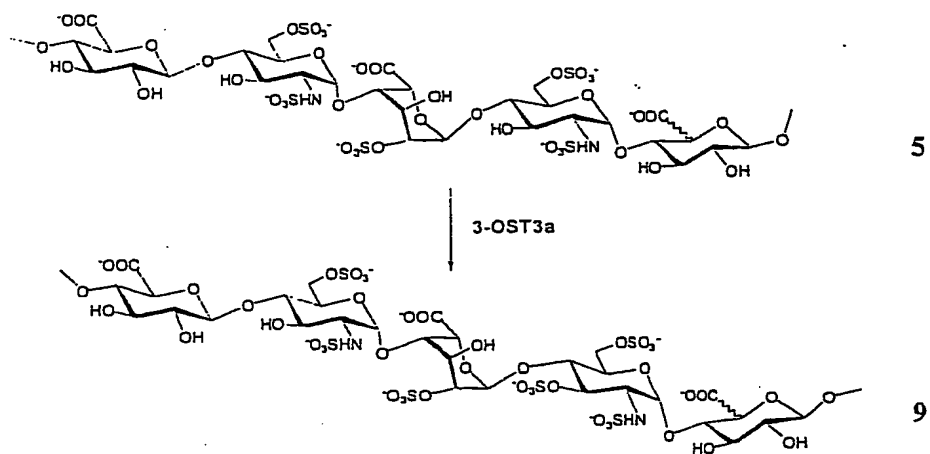


Figure 5

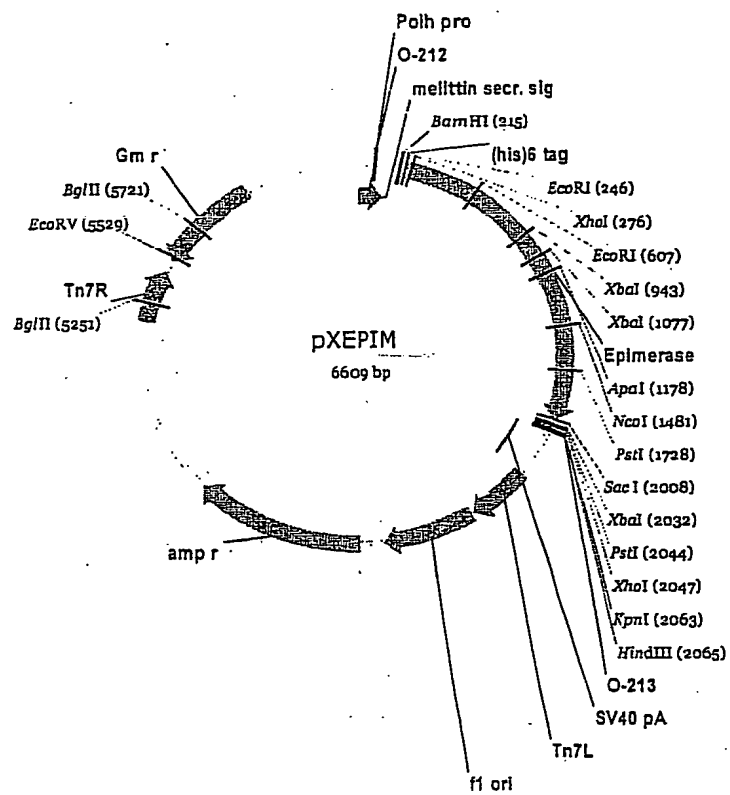
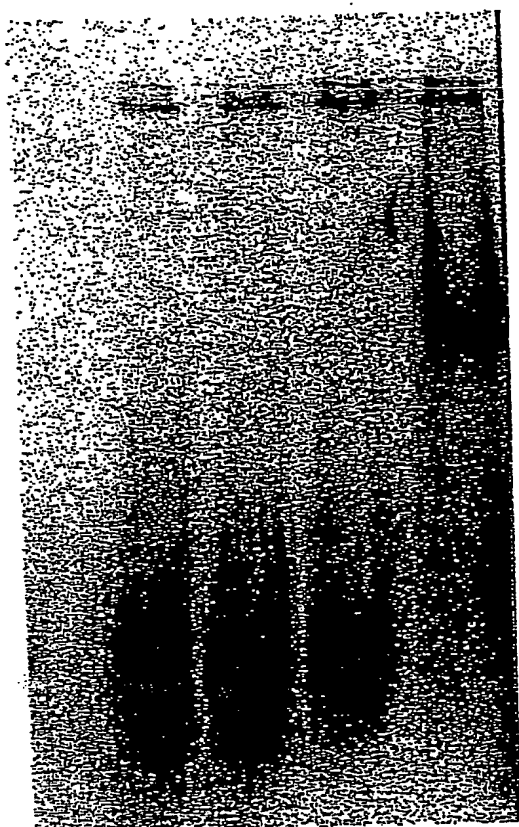


Figure 6

Gel Mobility Shift Assay



A B C D

A: Polysaccharide lacking 3-O Sulfate .

B: Polysaccharide lacking 3-O Sulfate and AT III

C: Polysaccharide containing 3-O Sulfate

D: Polysaccharide containing 3-O Sulfate and ATIII

Figure 7

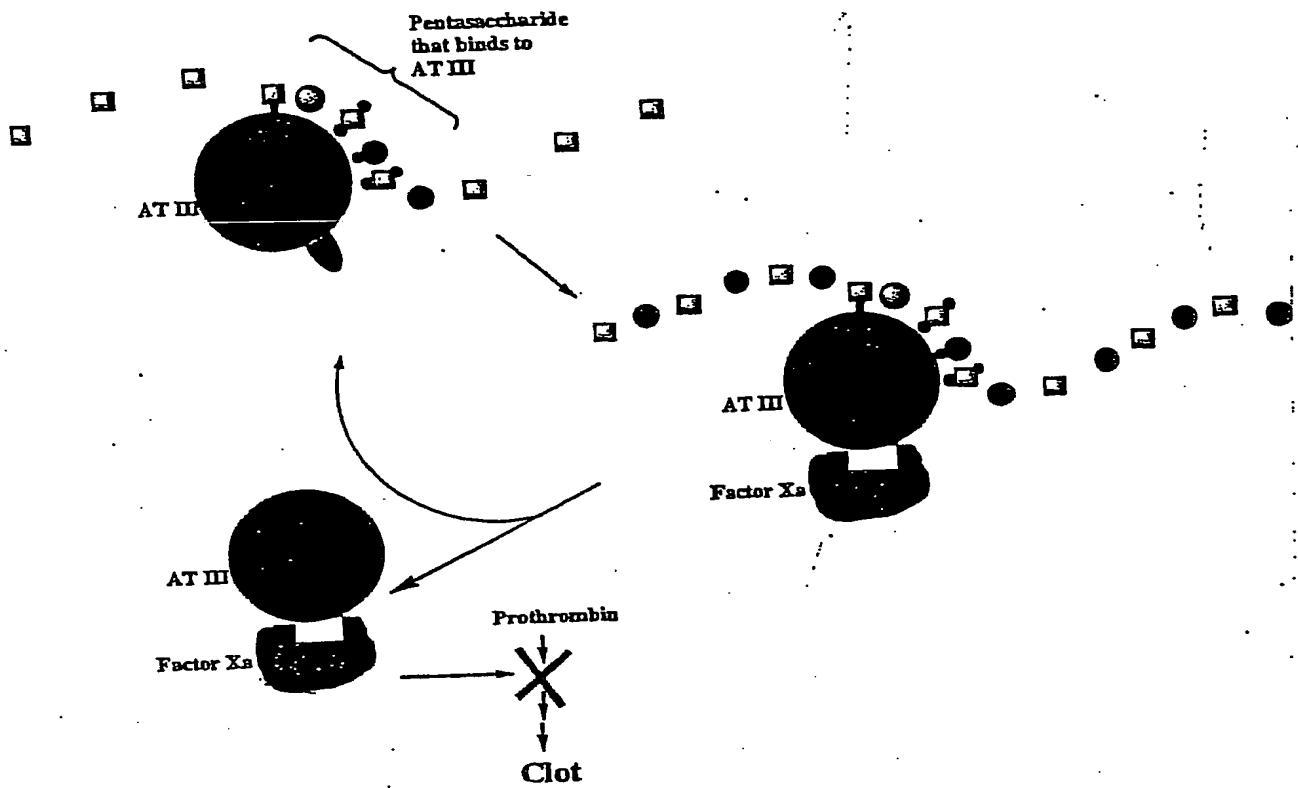


Figure 8

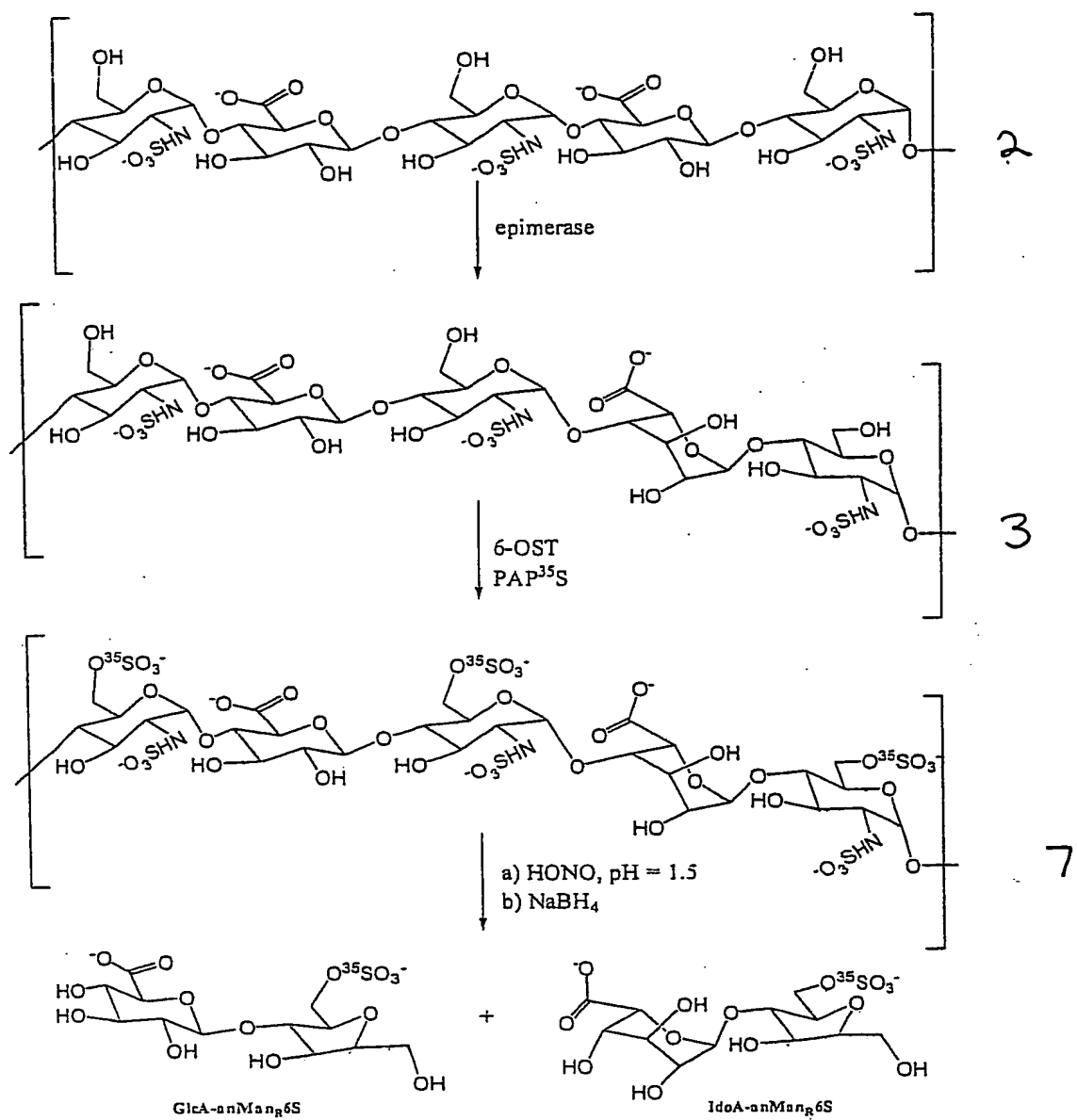


Figure 9

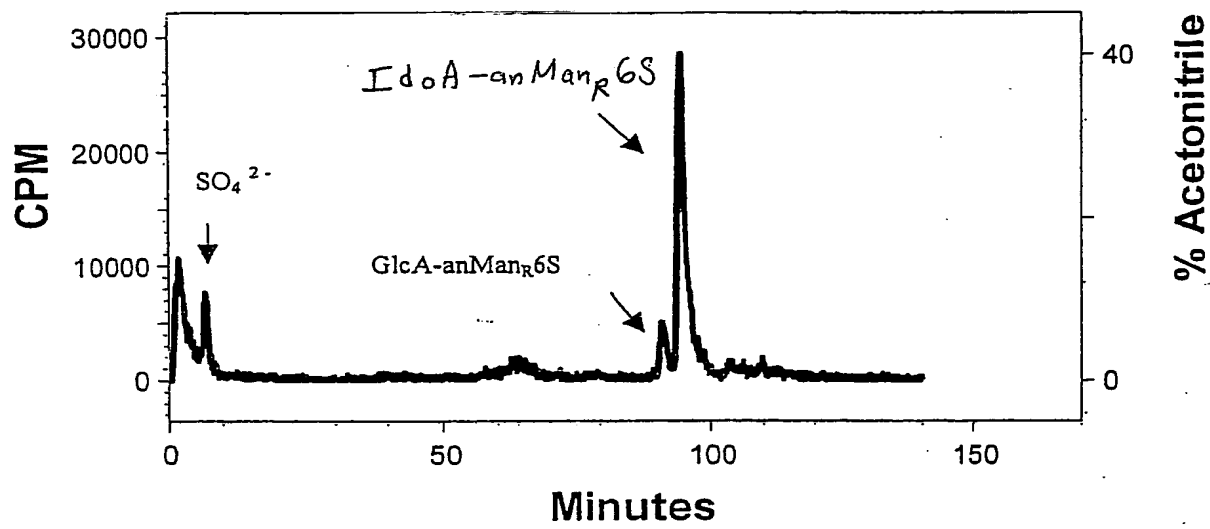


Figure 10

2-OST	+	+
Epi	-	+

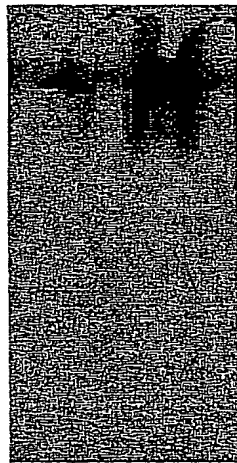


Figure 11

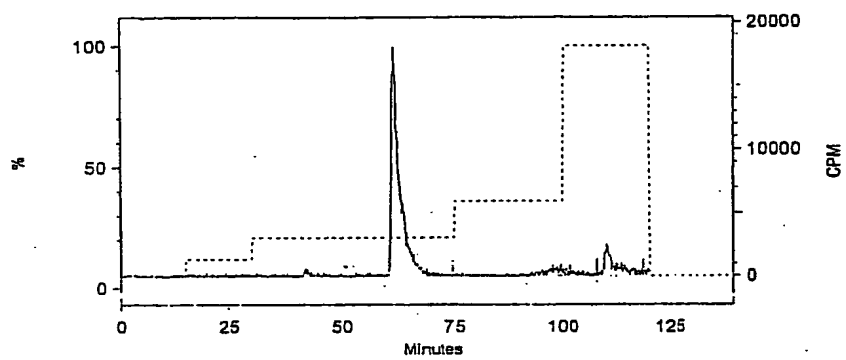


Figure 12

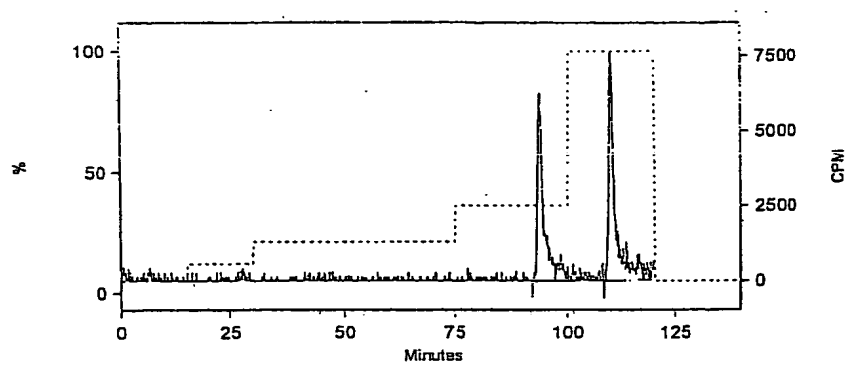


Figure 13

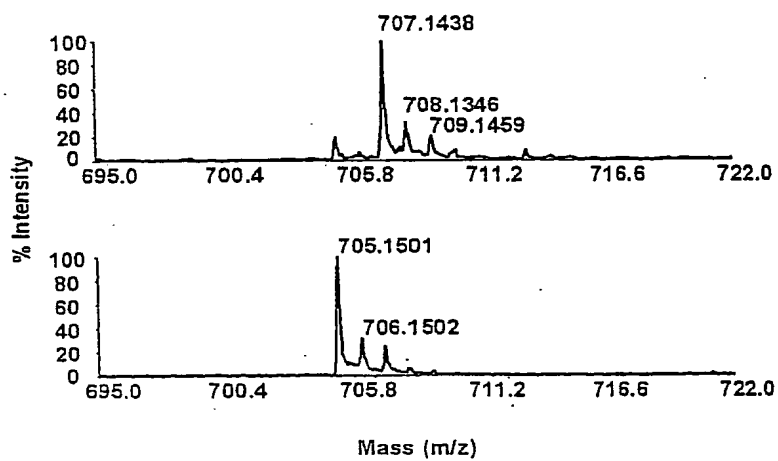
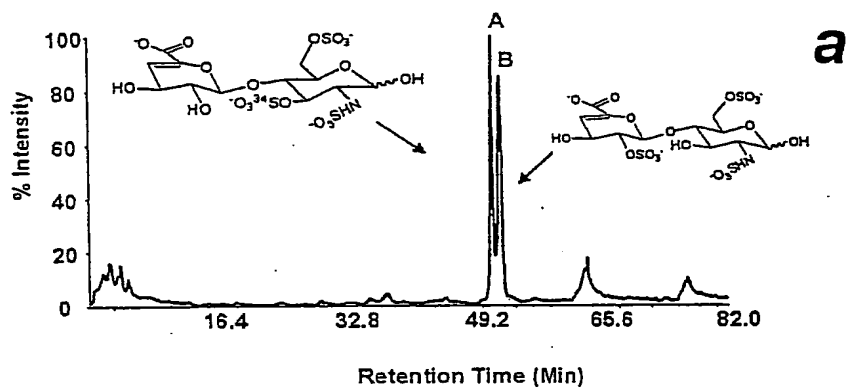


Figure 14

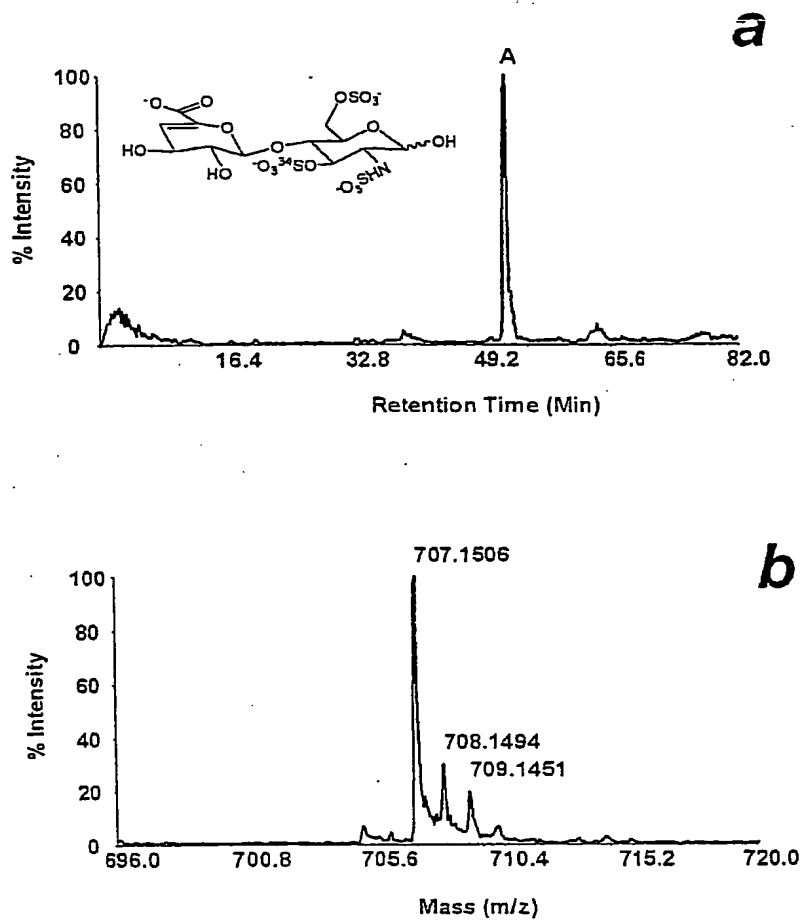


Figure 15

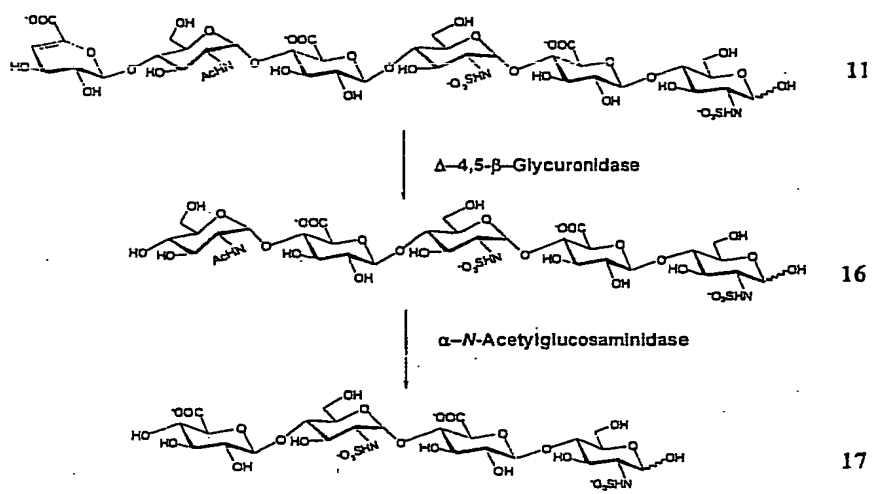


Figure 16

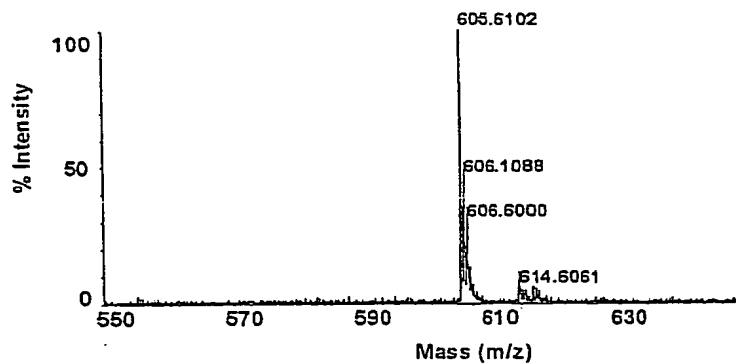


Figure 17

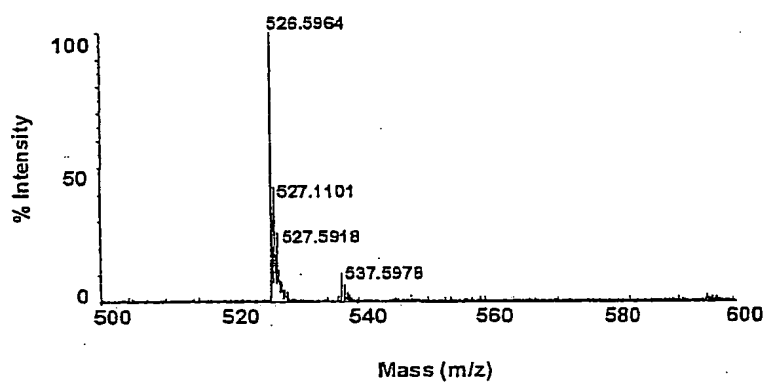


Figure 18

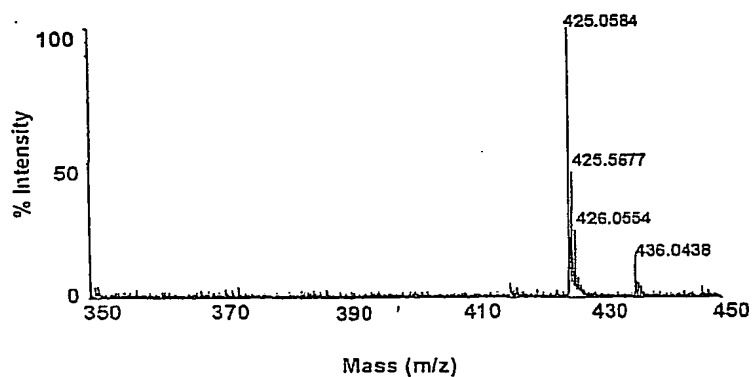


Figure 19

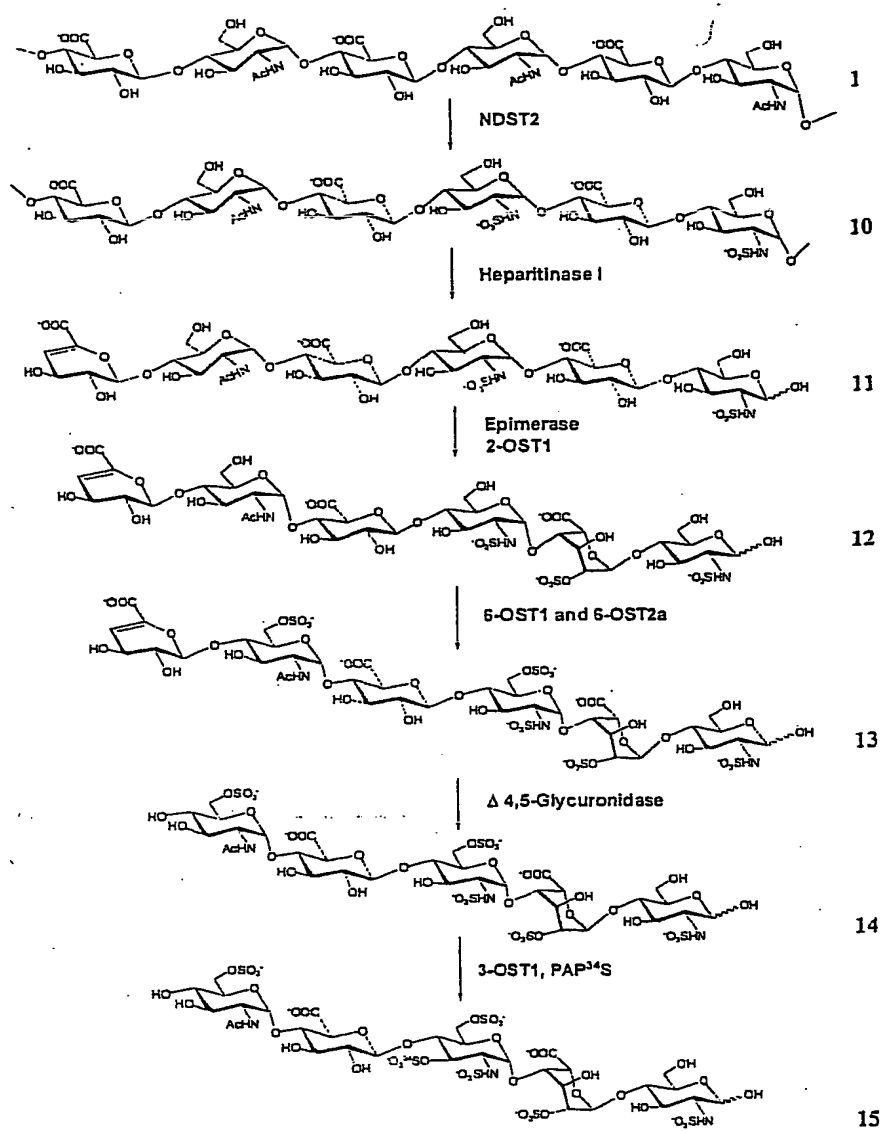


Figure 20

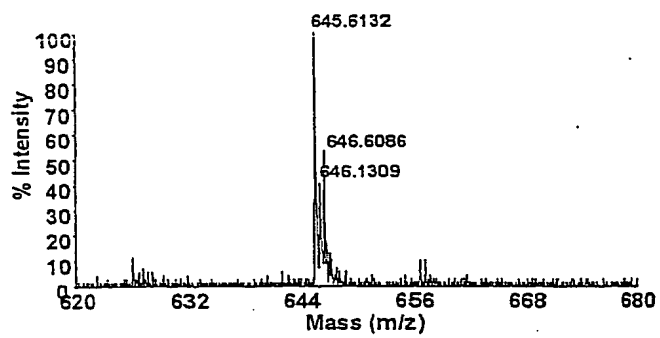


Figure 21

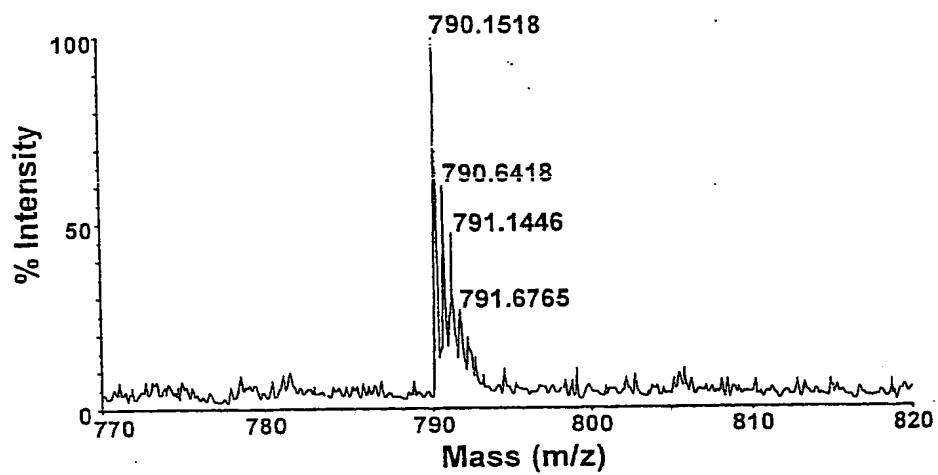


Figure 22

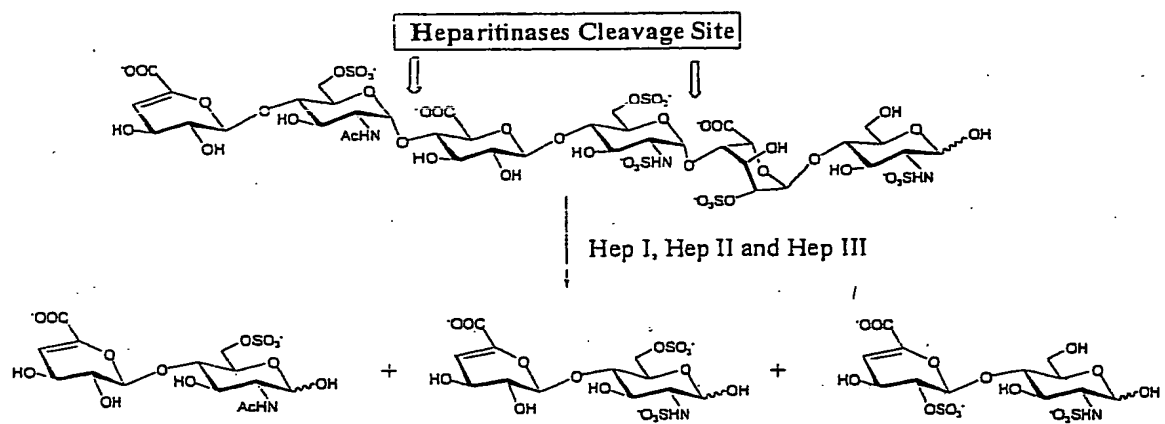


Figure 23

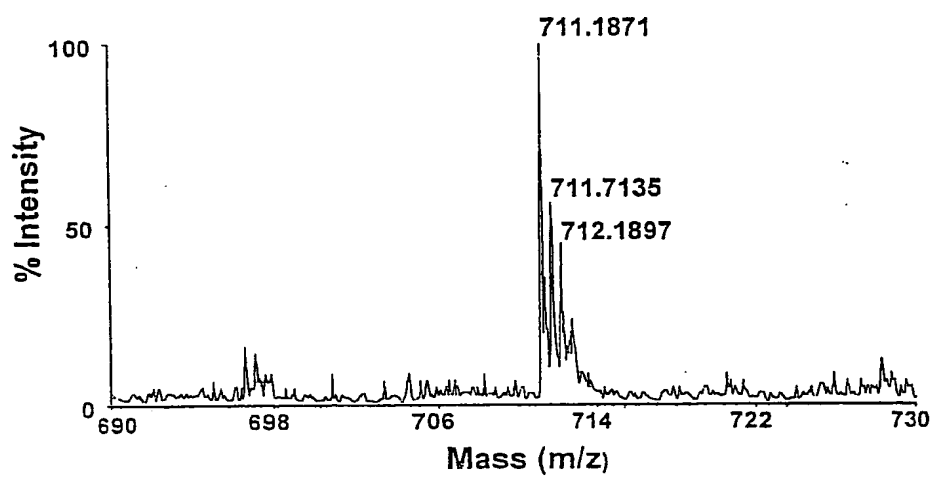


Figure 24

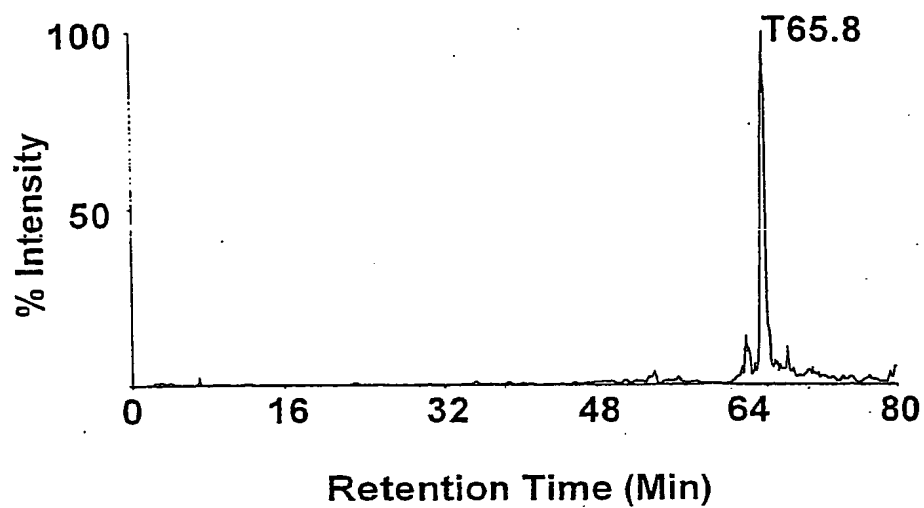


Figure 25A

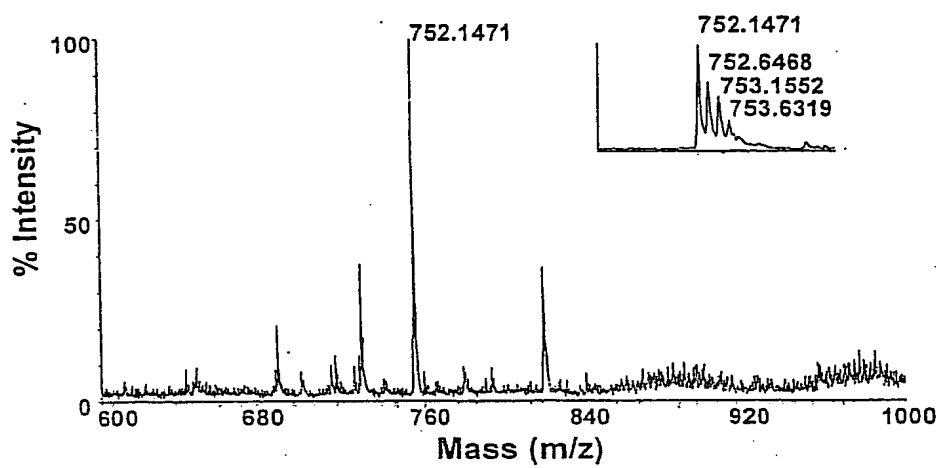


Figure 25B

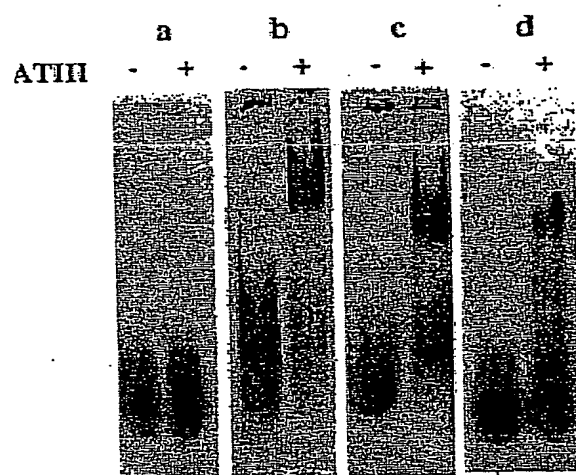
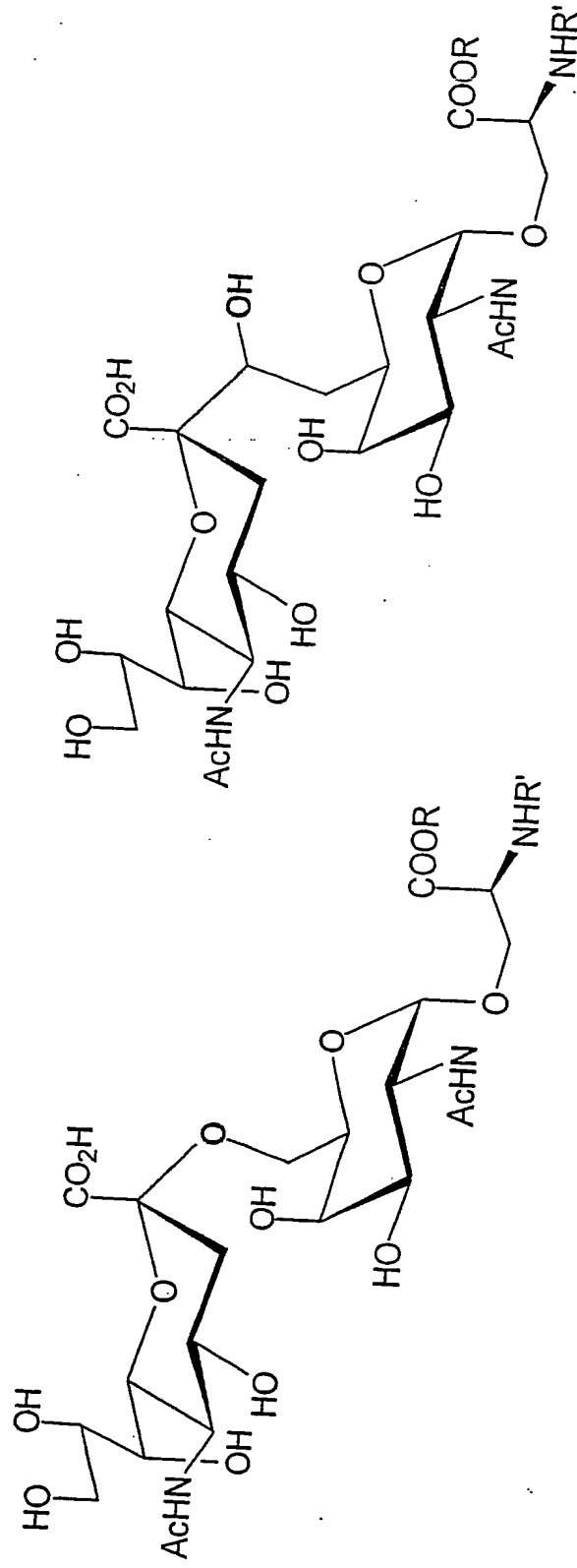


Figure 26

Sialyl Tn antigen



O Glycoside

C Glycoside

FIGURE 27

Synthesis of sTn C-glycoside

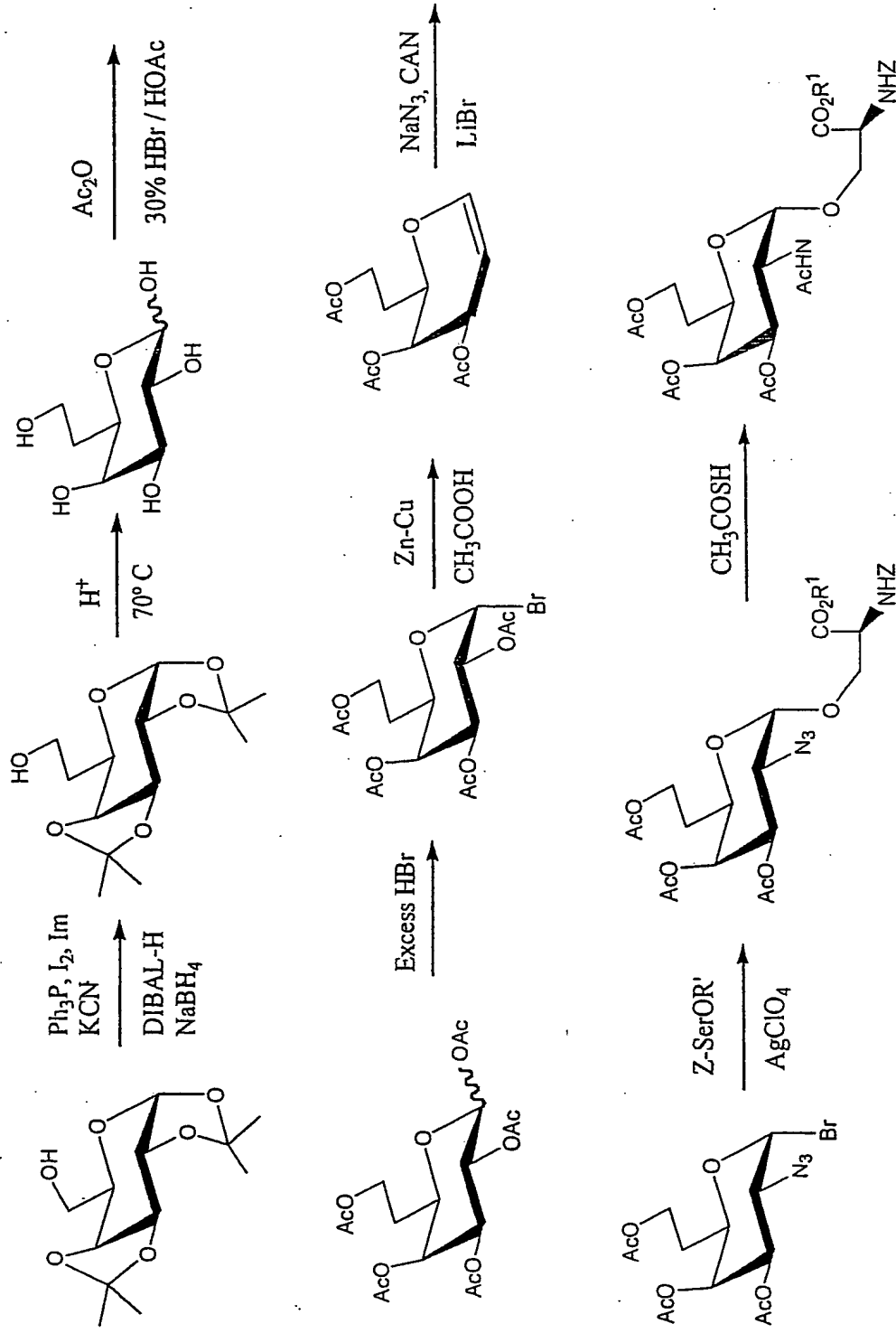


FIGURE 28

Synthesis of sTn C-glycoside

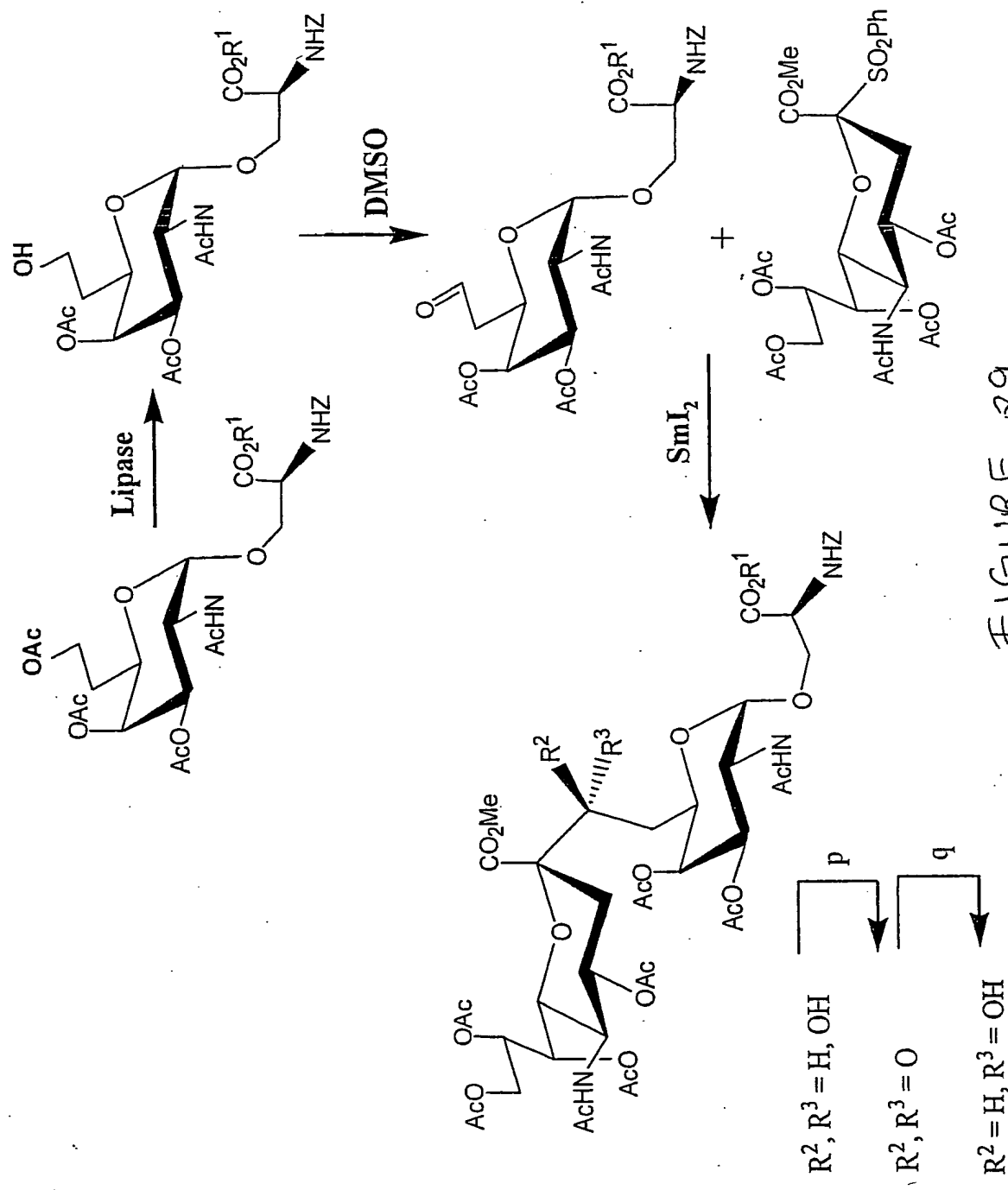


FIGURE 29